WO 2004/039655 PCT/EP2003/001818

## Claims:

A roof module for a motor vehicle body comprising a reinforcing frame (2) and a roof panel (1) fastened thereto. Said reinforcing frame (2) can be fastened to the motor vehicle body (3) by means of screw connections and adhesive bonds (8, 5), characterized in that said reinforcing frame 83) or said roof panel (1) has a folded flange (11) at the edge shaped to a U section (12), and that an edge strip (10, 13) of the roof panel (1) or reinforcing frame (2) engages into said U section (12) and is bonded there to the reinforcing frame (2) or roof panel (1), and that the roof panel in a vertical projection is greater than a roof opening in the motor vehicle body (3).

- 2. A roof module pursuant to Claim 1, **characterized in that** an external joint between the folded flange (11) and the roof panel (1) is sealed.
- 15 3. A roof module pursuant to any of the preceding Claims 1 or 2, **characterized in that** said U section (12) in the area of a front window at the outside has a support (14) for the front window.
- 4. A roof module pursuant to Claim 3, **characterized in that** said roof panel (1) in the area of the front window has a step (15), whose height roughly corresponds to the thickness of the front window.
  - 5. A roof module pursuant to any of the preceding Claims 1 to 4, characterized in that said U section (12) in the door area at the outside has a support (16) for the side window and/or side window pane seal.
    - 6. A roof module pursuant to Claim 5, **characterized in that** said roof panel (1) in the door area has a step (17), whose height roughly corresponds to the thickness of the side window and/or side window pane seal.

7. A roof module pursuant to any of the preceding claims 1 to 6, **characterized in that** said roof panel (1) and/or reinforcing frame (2) are comprised of pretreated and/or prelacquered metal sheets.

25

30